

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: OTA, et al.

Serial No.: 08/816,891

Filed: 3/13/1997

Title: MATRIX DISPLAY APPARATUS AND A DRIVING  
METHOD THEREOF

Art Unit: 2629

Examiner: L. Shapiro

Conf. No.: 7492

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Mail Stop: DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 29, 2007

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of the documents listed in the attached form equivalent to Form(s) PTO/SB/08A and/or PTO/SB/08B for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the fee of \$180.00 set forth in 37 CFR 1.17(p).

To the extent that the documents listed on the attached form equivalent to Form(s) PTO/SB/08A and/or PTO/SB/08B are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version abstract of the documents.

It is respectfully requested that this information disclosure statement and the documents listed be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this

paper, including excess claim fees, to Deposit Account No. 01-2135 (503.32492VX1),  
and please credit any excess fees to such deposit account.

Respectfully submitted,

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	<b>08/816,891</b>	
			Filing Date	<b>3/13/1997</b>	
			First Named Inventor	<b>OTA et al</b>	
			Art Unit	<b>2629</b>	
Examiner Name	<b>L. Shapiro</b>				
Sheet	<b>1</b>	of	<b>2</b>	Attorney Docket Number	<b>503.32492VX1</b>

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
		JP 2-913		1/5/1990	Matsushita Electric Ind. Co., Ltd.		Abs
		JP 4-145490		5/19/1992	Matsushita Electric Ind. Co., Ltd.		Abs

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	08/816,891		
		Filing Date	3/13/1997		
		First Named Inventor	OTA et al		
		Group Art Unit	2629		
		Examiner Name	L. Shapiro		
Sheet	2	of	2	Attorney Docket Number	32492VX1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Society For Information Display International Symposium Digest of Technical Papers, Vol. XX p. 242-245, Baltimore Convention Center, Baltimore, Maryland, May 16-18, 1989	
		Society For Information Display International Symposium Digest of Technical Papers, Vol. XXIII, Hynes Convention Center, Boston, Massachusetts, May 17-22, 1992	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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## List and Copies of Prior Art

(Re:Japanese Patent Application No. Hei 4-291125 (1992))

### Prior Publications

- 1.\* "SOCIETY FOR INFORMATION DISPLAY INTERNATIONAL  
SYMPOSIUM DIGEST OF TECHNICAL PAPERS"  
VOLUME XX p242-245  
BALTIMORE CONVENTION CENTER, BALTIMORE, MARYLAND  
Tuesday-Thursday, May 16-18, 1989
- 2.\* "SOCIETY FOR INFORMATION DISPLAY INTERNATIONAL  
SYMPOSIUM DIGEST OF TECHNICAL PAPERS"  
VOLUME XXIII p47-50  
HYNES CONVENTION CENTER BOSTON, MASSACHUSETTS  
May 17-22, 1992
- 3.\* Japanese laid-open Patent Publication  
No. Hei 2-913 (1990)
- 4.\* Japanese laid-open Patent Publication  
No. Hei 4-145490 (1992)

\* a copy is enclosed